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 TITLE: **Hair dyes** containing acidic pigments and oxidants
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 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 01175925	A2	19890712	JP 1987-335400	19871228

AB **Hair dyes** contain acidic pigments and oxidants and are adjusted to pH 2-7. The **hair dyes** are safe and give no damage to the **hair**. The one reagent was prepd. comprising Yellow No.202 1.0, EtOH 5.0, benzyl alc. 4.0, citric acid 1.0, guar gum 2.0, and H2O to 100 wt.%, and another reagent comprising H2O2 6.0, EtOH 5.0, benzyl alc. 4.0, citric acid 1.0, edetic acid salts trace, and H2O 100 wt.%, and the 3rd reagent comprising ammonium persulfate 80.0, citric acid 10.0, and talc 10.0 wt.%. These 3 reagents were mixed a wt. ratio of 5:5:1 to give a **hair dye** with pH 3.1 (1% aq. soln., at 25.degree.). The **dye** was applied to the **hair** to develop bright dark brown color.

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ST **hair dye** oxidant
 IT Oxidizing agents
 (acidic **hair dyes** contg. acidic **dyes** and)
 IT **Dyes**
 (acid, acidic **hair dyes** contg. oxidants and)
 IT **Hair** preparations
 (**dyes**, contg. acidic **dyes** and oxidants, acidic)
 IT 7722-84-1, Hydrogen peroxide, biological studies 7727-54-0,
 Ammonium persulfate
 RL: BIOL (Biological study)
 (acidic **hair dyes** contg. acidic **dyes** and)
 IT 518-47-8 1064-48-8, Japan Black 401 1320-07-6, Japan Brown 201
 2783-94-0, Japan Yellow 5

RL: BIOL (Biological study)
(acidic hair dyes contg. oxidants and)